

To: Leidy, Robert[Leidy.Robert@epa.gov]
From: Sumner, Rich
Sent: Wed 2/5/2014 5:41:04 PM
Subject: Corps ratio checklist for our discussion
[mit ratio sop stream exps.pdf](#)

Hey Rob,

We can look at the attached when we chat. The challenge is to see if we can make the SOP work for us.

Rich

Richard Sumner

From: Leidy, Robert
Sent: Wednesday, February 05, 2014 8:36 AM
To: Brush, Jason; Sumner, Rich; Goldmann, Elizabeth
Cc: Kaiser, Russell
Subject: RE: HGM references

Jason,

Will be calling Rich today to discuss.

Rob

Robert A. Leidy, Ph.D.

U.S. Environmental Protection Agency

Wetlands Office (WTR-8)

75 Hawthorne Street

San Francisco, CA 94105

(415) 972-3463

From: Brush, Jason

Sent: Tuesday, February 04, 2014 5:35 PM

To: Sumner, Rich; Leidy, Robert; Goldmann, Elizabeth

Cc: Kaiser, Russell

Subject: RE: HGM references

Ex. 5 - Deliberative Process

Russ, see Rich's perspective on the HGM question right before his close, below.

From: Sumner, Rich

Sent: Tuesday, February 04, 2014 10:00 AM

To: Leidy, Robert

Cc: Goldmann, Elizabeth; Brush, Jason

Subject: RE: HGM references

Hi Rob,

Sorry for the delay in response. I was away visiting friends and family down your way (San Jose). A good time was had by all.

Ex. 5 - Deliberative Process

Ex. 5 - Deliberative Process

I hope this perspective helps! Please let me know if you wish to discuss it.

Best regards,

Rich

Ex. 5 - Deliberative Process

Richard Sumner

USEPA

200 SW 35th Street

Corvallis, OR 97333

541.754.4444

Sumner.Richard@epa.gov

From: Leidy, Robert

Sent: Friday, January 31, 2014 8:55 AM

To: Sumner, Rich

Subject: FW: HGM references

Hi Rich,

Ex. 5 - Deliberative Process

Best,

Rob

Robert A. Leidy, Ph.D.

U.S. Environmental Protection Agency

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75 Hawthorne Street

San Francisco, CA 94105

(415) 972-3463

From: Julia Fonseca [<mailto:Julia.Fonseca@pima.gov>]

Sent: Tuesday, December 17, 2013 4:07 PM

To: Leidy, Robert

Subject: HGM references

Hi, Robert,

You requested some information about the hydrogeomorphic methods used in Arizona. See the attached pdf for a description taken from a Corp restoration study for the Santa Cruz River in Tucson.

<http://rfcd.pima.gov/largefiles/pdli2/PDIeis.pdf> The Paseo DEIS is posted here. It is the source for the above document.

But there is a final EIS. See EIS No. 20050477, Final EIS, COE, AZ, Santa Cruz River, Paseo de las Iglesias Feasibility Study, To Identify, Define and Solve Environmental Degradation, Flooding and Water Resource Problems, City of Tucson, Pima County, AZ, Wait Period Ends: December 19, 2005, Contact: Michael J. Fink 602-640-2001 Ext. 252.

http://www.usace.army.mil/Portals/2/docs/civilworks/CWRB/stacruz/SantaCruzRiverPaseodLI_Project_Summary_25-06.pdf This is a policy review of some of the issues that came out when the Corps reviewed the Paseo project.